PATENT
INTEL/18111

IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE

Applicants: Tang et al.   )

Serial No.: 10/726,828   )

Filed: December 3, 2003   )

Assignee: Intel Corporation   )

For: METHODS AND APPARATUS FOR   )
PERFORMING CALCULATIONS USING   )
REDUCED-WIDTH DATA   )

Group Art Unit: Unknown   )

Examiner: Unknown   )

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I hereby certify that this paper is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

January 15, 2004

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir or Madam:

The patents and/or publications listed on the enclosed PTO Form-1449 are

submitted pursuant to 37 CFR §§ 1.56, 1.97, and 1.98. Copies of the patents or

publications are enclosed.

TIME OF FILING

This information disclosure statement is being filed to the best of the

undersigned's knowledge, before the mailing date of a first Office action on the merits. In

accordance with 37 CFR §1.97(b), no certification or fee is required.

PRIOR AND RELATED APPLICATIONS

The examiner is respectfully made aware of the following co-pending application which contains subject matter related to this application:

Applicant(s):	Tang et al.
Serial No.	10/648,500
Filing Date:	August 26, 2003
Title:	METHODS AND APPARATUS FOR DETERMINING APPROXIMATING POLYNOMIALS USING INSTRUCTION-EMBEDDED COEFFICIENTS
Status:	Filed

METHOD OF PAYMENT

☒   No fee is required.

The Commissioner is authorized to charge any fee deficiency required by this

paper, or credit any overpayment, to Deposit Account No. 50-2455. A copy of this paper

is enclosed.

Correspondence Address:

Respectfully submitted,

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January 15, 2004   Attorneys for Intel Corporation

Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. INTEL/18111	Serial No. 10/726,828
			Applicants Tang et al.	
INFORMATION DISCLOSURE STATEMENT *(Use several sheets if necessary)*			Filing Date 12/3/2003	Group Art Unit Unknown

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U.S. PATENT DOCUMENTS

*EXAMINER INITIALS		DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

		M.J.D. Powell. "Approximation Theory and Methods." Cambridge University Press, May, 1981. Pages 85-95. ISBN: 0521295149.
		"IEEE Standard for Floating-point Arithmetic." ANSI/IEEE Standard 754-1985. Published by The Institute of Electrical and Electronics Engineers, Inc., New York, New York. 1985.
		Ping Tak Peter Tang. "Table-lookup Algorithms for Elementary Functions and Their Error Analysis." Proceedings of the 10th Symposium on Computer Architecture, pages 232-236. Grenoble, 1991.
		Cornea-Hasegan, M; Norin B. "IA-64 Floating-poing Operations and the IEEE Standard for Binary Floating-point Arithmetic." Intel Technology Journal Q4, 1999. http://www.intel.com/technology/itj/q41999/pdf/ia64fpbf.pdf.

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.